

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declarat	ion is of the following type:			
[]	original divisional continuation continuation-in-part			
	INVENTORSHIP IDENTIFICATION			
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
TITLE OF INVENTION				
"MICROMACHINED INTEGRATED FLUID DELIVERY SYSTEM WITH DYNAMIC METAL SEAT VALVE AND OTHER COMPONENTS				
SPECIFICATION IDENTIFICATION				
The specifica	ation of which:			
[] [X]	is attached hereto was filed on July 12, 2003, under Serial No10/617,950, executed on even date herewith; and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on			

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and						
			compliance with the statement in acc	_		
			PRIORITY CLA	AIM (35 U.S.C.	§119)	
I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.						
	[X]	No such	applications have I	peen filed.		
	[]	Such app	olications have bee	n filed as follow	/s:	
A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
Cour	try/PC	I	Application No	Date Filed	d	Priority Claimed
						[] Yes [] No [] Yes [] No [] Yes [] No
В.	prior 1	reign app to this pplicatio		filed more tha	n 12 mos	s. (6 mos for design)
	Count Applic Filing	ation No:				
			PRIORITY CLA	AIM (35 U.S.C.	§120)	

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

10/32	8,135	12/20/2002	Pending	
Serial	No.	Filing Date	Patented/Pending/Abandoned	
Status				
[x]	Such applications have been filed, as follows:			
[]	No such applications have been filed			

POWER OF ATTORNEY

Peter J. Sgarbossa	Registration No. 25,610
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Shirley L. Church	Registration No. 31,858
Kathi Bean	Registration No. 36,644

Send correspondence to: Patent Counsel, MS/2061 Applied Materials, Inc P. O. Box 450A Santa Clara, CA 95052. Direct telephone calls to:

Shirley L. Church (650) 473-9700

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, und r Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inventor: Mark Crockett
Inventor's signature:
Date: Residence: U.S.A.
Post Office Address: 888 Foster City # 11
Foster City, California 94404
Country of Citizenship: U.S.A.
Full name of second inventor: John W. Lane
Inventor's signature:
Date: Residence: U.S.A.
Post Office Address: 1141 Meredith Ave.
San Jose, California 95125
Country of Citizenship: U.S.A.
Full name of third inventor: Michael J. DeChellis
Inventor's signature:
Date: Residence: U.S.A.
Post Office Address: 1781 Warburton Ave., Apt. 7
Santa Clara, California 95050
Garna Glara, Gamorria Good
Country of Citizenship: U.S.A.
Country of Children in Charles
Full name of fourth inventor: Chris Melcer
Inventor's signature:
Date:
Residence: U.S.A.
Post Office Address: 1229 Susan Way
Sunnyvale, California 94087
Country of Citizenship: U.S.A.
Full name of fifth inventor: Erica R. Porras
. <u> </u>
Inventor's signature:

Date:
Residence: U.S.A.
Post Office Address: 508 Irving Avenue
San Jose, California
Country of Citizenship: U.S.A.
Full name of sixth inventor; Aneesh Khullar
Inventor's signature: Anesh Klullar
Date: 8 13 03
Residence: U.S.A.
Post Office Address: 2310 East Glendale Ave.
Whitefish Bay, WI 53211
Country of Citizenship: India
Full name of seventh inventor: Balarabe N. Mohammed
Inventor's signature:
Date:
Residence: U.S.A.
Post Office Address: 32217 Allison Drive
Union City, California 94587
Country of Citizenship: U.S.A.

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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This declara	This declaration is of the following type:			
[] [] [x]	original divisional continuation continuation-in-part			
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My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
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"MICROMACHINED INTEGRATED FLUID DELIVERY SYSTEM WITH DYNAMIC METAL SEAT VALVE AND OTHER COMPONENTS				
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there i	and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and				
	[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.				
			PRIORITY CLA	IM (35 U.S.C. §119)	
I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.					
	[X]	No such	applications have be	een filed.	
	[]	Such app	plications have beer	n filed as follows:	
A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119					
Cour	ntry/PC	I	Application No	Date Filed	Priority Claimed
					[] Yes [] No [] Yes [] No
B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application					
	Count Applic Filing	ation No:			
				(0	

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[]	No such applications have been filed			
[x]	Such applications have been filed, as follows:			
Status				
Serial No. Filing Date Patented/Pending/Abandoned				
10/328	3,135	12/20/2002	Pending	

POWER OF ATTORNEY

Registration No. 25,610
Registration No. 37,771
Registration No. 37,165
Registration No. 35,412
Registration No. 25,436
Registration No. 31,858
Registration No. 36,644

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Full name of first inventor:	Mark Crockett
Inventor's signature:	
Date:	
Residence: U.S.A.	
Post Office Address: 888 Fe	•
Foster	City, California 94404
Country of Citizenship: U.S.A.	
Full name of second inventor:	John W. Lane
Inventor's signature:	
Date:	
Residence: U.S.A.	
Post Office Address: 1141 San J	Meredith Ave. ose, California 95125
Country of Citizenship: U.S.A.	
Full name of third inventor:	Michael De Chellis
Inventor's signature:	hay J. Chil
Date: 9/1/2003	
Residence: U.S.A.	
Post Office Address: 2800	Barton's Bluff Ln Apt 2612
Austin	, TX 78748
Country of Citizenship: U.S.A.	
Full name of fourth inventor:	Chris Melcer
Inventor's signature:	
Date:	
Residence: U.S.A.	O 147
	Susan Way
•	vale, California 94087
Country of Citizenship: U.S.A.	

Full name of fifth inventor:	Erica R. Porras
Inventor's signature: Date:	· · · · · · · · · · · · · · · · · · ·
Residence: U.S.A.	
Post Office Address: 508	lrving Avenue n Jose, California
Country of Citizenship: U.S.A.	
Full name of sixth inventor:	Aneesh Khullar
Inventor's signature: Date:	
Residence: U.S.A.	
Post Office Address: 231 Wh	0 East Glendale Ave. itefish Bay, WI 53211
Country of Citizenship: India	
Full name of seventh invento	or: Balarabe N. Mohammed
Inventor's signature: Date:	
Date: Residence: U.S.A.	
Post Office Address: 322 Union City, California 94	
Country of Citizenship: U.S.A.	

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As	а	below	named	inventor,	I hereby	/ dec	lare	that:
----	---	-------	-------	-----------	----------	-------	------	-------

As a below fiamed inventor, i hereby decide that				
This declaration is of the following type:				
[] [] [X]	original divisional continuation continuation-in-part			
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	SPECIFICATION IDENTIFICATION			
The specifi	cation of which:			
[] [X]	even date herewith:			
[]	and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended			

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I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

there	is a sul	ostantial likelihood that a r	on of this application; name reasonable Examiner would ation to issue as a patent, a	l consider it important
			n this duty there is attached accordance with 37 CFR §1	
		PRIORITY C	CLAIM (35 U.S.C. §119)	
foreign applical listed invental countre	n application(s below, or's ce y othe	cation(s) for patent or invertion) designating at least one and have also identified but if it interners than the United States or any PCT interners.	under Title 35, United State entor's certificate or of any F country other than the Unit pelow any foreign applicatio ational application(s) design f America filed by me on the application(s) of which priori	PCT international ed States of America n(s) for patent or nating at least one e same subject matte
	[X]	No such applications have	ve been filed.	
	[]	Such applications have b	een filed as follows:	
A.			(s) filed within 12 mos. (6 any priority claims under	
Cour	ntry/PC	I Application No	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
В.	prior	reign application(s), if ar to this application	ny, filed more than 12 mos	s. (6 mos for design)
	Count Applic Filing	ation No:		

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• •	uch applications have applications have Status	e been filed, as follows:
Serial No.	Filing Date	Patented/Pending/Abandoned
10/328,135	12/20/2002	Pending

POWER OF ATTORNEY

Peter J. Sgarbossa	Registration No. 25,610
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Raymond Kam-On Kwong	Registration No. 37,165
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Full name of first inventor: Mark Crockett
Inventor's signature: Moult a Cilett Date: 8-21-03 Residence: U.S.A. Post Office Address: 606 Bobstay Ln Foster City, California 94404
Country of Citizenship: U.S.A.
Full name of second inventor: John W. Lane
Inventor's signature: Jahn W Jaso Date:
Residence: U.S.A. Post Office Address: 1141 Meredith Ave. San Jose, California 95125
Country of Citizenship: U.S.A.
Full name of third inventor: Michael J. DeChellis Inventor's signature: Date:
Residence: U.S.A. Post Office Address: 1781 Warburton Ave., Apt. 7 Santa Clara, California 95050
Country of Citizenship: U.S.A.
Full name of fourth inventor: Chris Melcer
Inventor's signature: Date: 8 - 7)-03/
Residence: U.S.A. Post Office Address: 1229 Susan Way Sunnyvale, California 94087
Country of Citizenship: U.S.A.
Full name of fifth inventor: Erica R. Porras
Inventor's signature:

Date: 8/22/03 Residence: U.S.A. Post Office Address: 508 Irving Avenue San Jose, California
Country of Citizenship: U.S.A.
Full name of sixth inventor: Aneesh Khullar Inventor's signature:
Date: Residence: U.S.A.
Residence: U.S.A. Post Office Address: 2310 East Glendale Ave. Whitefish Bay, WI 53211 Country of Citizenship: India
Full name of seventh inventor: Balarabe N. Mohammed
Inventor's signature:
Date: August 27, 2003 Residence: U.S.A. Post Office Address: 32217 Allison Drive Union City, California 94587
Country of Citizenship: U.S.A.

(Declaration ends with this page)